





**MARCH 1, 1999**

## **DESCRIPTION OF REPORTS**

**TAB 1**

**1992-1997 TIER 1 AND TIER 2 USAGE DATA**

**A MINUTES OF USE DATA**

- 1 ORIGINATING PREMIUM MOU**
- 2 TERMINATING PREMIUM MOU**
- 3 TOTAL PREMIUM MOU**
  
- 4 ORIGINATING NON-PREMIUM MOU**
- 5 TERMINATING NON-PREMIUM MOU**
- 6 TOTAL NON-PREMIUM MOU**

**B DIAL EQUIPMENT MINUTES DATA**

- 7 LOCAL DEM**
- 8 STATE DEM**
- 9 INTERSTATE DEM**
- 10 TOTAL DEM**
  
- 11 INTERSTATE DEM FACTOR**
- 12 WEIGHTED DEM FACTOR**



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B

October 1, 1998

To: Tier 1 Cost Companies

Subject: Reporting of 1997 Network Usage Data - Due November 2, 1998

In 1987 the FCC directed NECA to collect Network Usage data from cost companies and to file it with the Commission. Instructions and the form to report the 1997 Network Usage data are attached for your use.

The following are pre-printed on the collection form and are included for your analysis and comparative review of 1997 data:

- o 1996 Network Usage data from NECA files
- o The 1997 ARMIS Report 43-04 data filed with the FCC by April 1, 1998

Also, the following analytical data are attached to the collection form:

- o A 5 year trend analysis of data reported to NECA

We encourage you to use the data comparisons included in the instructions to analyze your 1997 Network Usage data for reasonableness and consistency. Please ensure that the Dial Equipment Minutes (DEM) represent usage for a full year. Additionally, if your 1997 data has experienced any unusual growth based on these data comparisons, please include an explanation using page 5 of the instructions and return with the collection form.

Please assist us by returning the form early. All completed forms should be returned no later than November 2, 1998 to:

[Insert Region Coordinator]  
[Mailing Address]

If you have any questions or require assistance, please call \_\_\_\_\_ at \_\_\_\_\_.

Sincerely,

Regional Director - Member Service

Attachments

**NATIONAL EXCHANGE CARRIER ASSOCIATION, INC.**  
**NETWORK USAGE DATA REQUEST**  
October, 1998

**0irdfl**

**GENERAL INSTRUCTIONS-TIER I**

1. Companies that used cost based settlements during 1997 should complete the form.
2. Report annual minutes in thousands (e.g., report 1,000,000 as 1,000) and factors as computed to six decimal places (e.g., report .042651).
3. Report 1997 calendar year data in Column (C). The minutes from monthly or quarterly studies should be combined for an annual total. This aggregation should be done consistent with the 1996 data submission. The interstate DEM factor should be computed by dividing 1997 interstate DEM minutes by the total DEM minutes.
4. Column (A) provides the company's 1996 network usage data previously reported to NECA. If this data needs to be revised, write in the new number. Please review all prior year's data for accuracy.
5. Column (B) provides the company's 1997 ARMIS Report 43-04 data. This data should be consistent with Column (C). If Column (B) data has been revised, write in the new number.

**GENERAL DEFINITIONS -- DEM**

(FCC ARMIS Report 43-04 -- Order Issued January 16, 1990)

6. Interstate DEM--ARMIS Report 43-04 Row 1216. Annual Dial Equipment Minutes (minutes of holding time of originating and terminating local switching equipment, as defined in the Glossary Part 36) used to calculate the interstate COE Cat 3 allocation factor pursuant to section 36.125 (b) and (c). The intrastate minutes should be reported separately for local exchange and state toll.
7. Interstate SPF--ARMIS Report 43-04 Row 1459 (Transitional). The Interstate Transitional Subscriber Plant Factor (SPF) is used to allocate the cost of Category 1.3 Cable and Wire Facilities between state and interstate pursuant to 36.154 (e) and (f). **The Transition has been completed and all SPF should be .25.**

# **NATIONAL EXCHANGE CARRIER ASSOCIATION, INC.**

## **NETWORK USAGE DATA REQUEST**

**October, 1998**

### **DATA COMPARISONS**

8. NECA collects Network Usage Data from all Cost ECs and provides it to the FCC for its Docket #87-339, Monitoring Report. Because the Network Usage data becomes public information, it is important that the data is accurate.
9. During prior collections, the FCC has raised questions concerning the accuracy of Network Usage data, therefore, several comparisons of the data will be made by NECA to ensure data accuracy and consistency. The comparisons are similar to edits conducted by the FCC staff. The following are data checks for the 1997 data.
  - (a) Verify that local, state and interstate DEM minutes sum to the total and represent usage for a full year.
  - (b) Verify that local and state toll minutes equal the intrastate total, and the interstate toll minutes equal the interstate total from ARMIS Report 43-04.
  - (c) Verify that Interstate DEM minutes divided by total DEM minutes equal the Interstate DEM factor reported.
  - (d) Review period-to-period differences for all growth rates.
  - (e) Verify that transitional factors (i.e., Interstate SPF-Line 110, Interstate DEM-Line 170) have been computed correctly.
  - (f) MOU edit; compares change in IS DEM from prior year to current year with change in Interstate Access MOU (annualized) from prior year to current year. The difference between the change in DEM and the change in Interstate Access MOU should not exceed +/- 20%.
10. NECA collects interstate Carrier Common Line (CCL) minutes of use and files the data in the Monitoring Docket with the Network Usage data. The minutes are obtained monthly from Tier 1 Exchange Carrier supplemental reporting to NECA's Demand Management System. The CCL minutes are filed quarterly with the FCC.

NECA's February 26, 1999 Network Usage filing with the FCC will provide the basis for comparisons of DEM to CCL minutes. Also, the FCC will publish the latest view of the CCL minutes and the Network Usage data in the May 1999 Monitoring Report.

Your NECA Regional Office will require explanations on Page 5 of 5 (Explanation of Variances) for data comparisons that fail the above data checks.

**NATIONAL EXCHANGE CARRIER ASSOCIATION, INC.**

**NETWORK USAGE DATA REQUEST**

**October, 1998**

Please complete all lines. Enter 1997 Usage Data in column (C). DEM minutes should match annual 1997 minutes used in the Part 36 Cost Study. Write in any revisions to the company data (lines 010-030). The ARMIS row is referenced to and corresponds to the Network Usage data line; ARMIS data and the related Network Usage data should agree. Please provide 1997 and any revised 1996 factors to six decimal places.

**Data  
Line**

**Definitions**

**(110)**

**Interstate Transitional SPF Factor**

Since the interstate SPF Transition has been completed this column should read .25 SPF Factor as used in the cost study as specified in FCC Rules - Part 36.154 (f).

NOTE: Please see ARMIS Report 43-04 row 1459 (interstate).

**(120)**

**Unweighted Local DEM Minutes**

Enter the annual 1997 unweighted local exchange dial equipment minutes.

**(130)**

**Unweighted State Toll DEM Minutes**

Enter the annual 1997 unweighted state toll dial equipment minutes.

NOTE: Please see ARMIS Report 43-04 row 1216 (state); should be reported separately for state toll and local.

**(140)**

**Unweighted Interstate DEM Minutes**

Enter the annual 1997 unweighted interstate toll dial equipment minutes used to calculate the study area interstate DEM factor.

NOTE: Please see ARMIS Report 43-04 row 1216 (interstate).

**(150)**

**Unweighted Total DEM Minutes**

Enter the sum of Lines 120 + 130 + 140 (Network Usage System will automatically calculate to verify)

NOTE: Please see ARMIS Report 43-04 row 1216 (subject to separations).



**NATIONAL EXCHANGE CARRIER ASSOCIATION, INC.**  
**NETWORK USAGE DATA REQUEST**  
**October, 1998**

**(160)      Unweighted Interstate DEM Factor**

Enter the unweighted interstate DEM factor. (line 140 /line 150).  
(Network Usage System will automatically calculate to verify)

**(170)      COE CAT 3 Interstate Allocation Factor (Transitional IS Weighted DEM)**

Enter the Interstate allocation factor used to allocate Category 3 COE pursuant to  
FCC Rules - Parts 36.125 (f).

NOTE: Please see ARMIS Report 43-04 row 1213 (interstate).

**NATIONAL EXCHANGE CARRIER ASSOCIATION, INC.**  
***NETWORK USAGE DATA REQUEST***  
**October, 1998**

**Explanation of Variances**

Company Name \_\_\_\_\_

Study Area Code \_\_\_\_\_

Enter an explanation of the variance below, or use a separate sheet of paper.

**General Comments**

**Line Item Comments**

(110) Interstate Transitional SPF Factor

(120) Unweighted Local DEM Minutes

(130) Unweighted State Toll DEM Minutes

(140) Unweighted Interstate DEM Minutes

IS Dial Equipment Minutes to Interstate Access MOU

**National Exchange Carrier Association Inc.**  
**Network Usage Data Request for Region:**  
**Tier: 1**  
**October 1, 1998**

**Exchange Carrier Name:**  
**(010) Study Area Code No:**  
**(020) Contact Name:**  
**(030) Contact Telephone Number:**

|   | (A)<br>1996<br>Reported*<br>(000) | (B)<br>1997<br>ARMIS**<br>(000) | (C)<br>1997<br>(000) |
|---|-----------------------------------|---------------------------------|----------------------|
| <b>Measures of Loop Usage:</b>                      |                                   |                                 |                      |
| (110) Interstate Transitional SPF Factor***         |                                   |                                 |                      |
| <b>Measures of Switch Usage:</b>                    |                                   |                                 |                      |
| (120) Unweighted Local DEM MOU                      |                                   |                                 |                      |
| (130) Unweighted State DEM MOU                      |                                   |                                 |                      |
| (140) Unweighted Interstate DEM MOU                 |                                   |                                 |                      |
| (150) Unweighted Total DEM MOU (120 + 130 + 140)    |                                   |                                 |                      |
| (160) Unweighted Interstate DEM Factor (140/150)*** |                                   |                                 |                      |
| (170) Weighted DEM Factor***                        |                                   |                                 |                      |

- \* Zero is printed when no data is available. If the company settled on cost for 1997, please enter data in (C).  
\*\* Due to ARMIS conventions, state and local minutes are combined in line 130(B). Report the local and state minutes separately in column (C).  
\*\*\*Report all factors to six (6) decimal places.

Please return completed form by November 2, 1998 to your Regional Network Usage Coordinator.

October 1, 1998

To: Tier 2 Cost Companies

Subject: Reporting of 1996 Network Usage Data - Due November 2, 1998

In 1987 the FCC directed NECA to collect Network Usage data from cost companies and to file it with the Commission. Instructions and the form to report the 1997 Network Usage data are attached for your use.

We have included the following for your comparative analysis of 1997 data:

- o 1996 Network Usage data on the collection form
- o A 5 year Trend Analysis of data reported to NECA

We encourage you to use the data comparisons included in the instructions to analyze your 1997 Network Usage data for reasonableness and consistency. Please ensure that the Dial Equipment Minutes (DEM) represent usage for a full year. Additionally, if your 1997 data has experienced any unusual growth based on these data comparisons, please include an explanation using page 4 of the instructions and return with the collection form.

Please assist us by returning the form(s) early. All completed forms should be returned no later than November 2, 1998 to:

[Insert Region Coordinator]  
[Mailing Address         ]

If you have any questions or require assistance, please call \_\_\_\_\_  
at \_\_\_\_\_.

Sincerely,

Region Director - Member Service

Attachments

**NATIONAL EXCHANGE CARRIER ASSOCIATION, INC.**  
**NETWORK USAGE DATA REQUEST**  
October, 1998

**GENERAL INSTRUCTIONS-TIER 2**

1. Companies that used cost based settlements during 1997 should complete the form.
2. Report factors as computed to six decimal places (e.g., report .042651).
3. Report 1997 calendar year data in Column (B). For data other than calendar year 1997, include the 12 month period for the data being reported in a manner consistent with what your company reported last year. The minutes from monthly or quarterly studies should be combined for an annual total, and entered in column (B). The DEM factors should be computed from 1997 interstate DEM minutes divided by total DEM minutes.
4. Column (A) provides the 1996 network usage data (unless your company converted to cost based settlement during 1997, in which case these will be zero) which your company reported to NECA. If this data needs to be revised, write in the new number. Please review all prior year's data for accuracy.

**GENERAL DEFINITIONS**

5. Report annual interstate Dial Equipment Minutes (minutes of holding time for originating and terminating local switching equipment, as defined in the Glossary of Part 36) used to calculate the interstate COE Cat 3 allocation factor pursuant to FCC Rules -Parts 36.125(b) and (c). The intrastate minutes should be reported separately for local exchange and state toll.
6. Report the Transitional SPF per 36.154 (e) & (f). The Interstate Transitional Subscriber Plant Factor (SPF) is used to allocate the cost of Category 1.3 Cable and Wire Facilities between state and interstate according to procedures set forth in FCC Rules - Parts 36.154(e) & (f). **The Transition has been completed and all SPF should be .25.**

**NATIONAL EXCHANGE CARRIER ASSOCIATION, INC.**  
**NETWORK USAGE DATA REQUEST**  
**October, 1998**

**DATA COMPARISONS**

7. NECA collects Network Usage Data from all Cost ECs and provides it to the FCC for its Docket #87-339, Monitoring Report. Because the Network Usage data becomes public information, it is important that the data is accurate.
8. During prior collections, the FCC has raised questions concerning the accuracy of Network Usage data, therefore, several comparisons of the data will be made by NECA to ensure data accuracy and consistency. The comparisons are similar to edits conducted by the FCC staff. The following are data checks for the 1997 data:
  - (a) Verify that local, state and interstate minutes sum to the total and represent usage for a full year.
  - (b) Verify that Interstate DEM minutes divided by total DEM minutes equal the Interstate DEM factor reported.
  - (c) Review period-to-period differences for all growth rates.
  - (d) Verify that transitional factors (i.e., interstate SPF-Line 110, interstate DEM-Line 170) have been computed correctly.
  - (e) MOU edit; compares change in IS DEM from prior year to current year and change in Derived Interstate Access MOU (annualized) from prior year to current year. The difference between the change in DEM and the change in Derived Interstate Access MOU should not exceed +/- 20%.
9. For companies participating in the Common Line pool, NECA derives Interstate Carrier Common Line (CCL) minutes of use. The minutes are derived based on the latest view of the CCL revenue (Premium and Non-Premium) reported monthly on NECA Form EC1050.

For companies not participating in the Common Line pool, NECA obtains the Interstate Access Minutes from NECA's Demand Management System that are reported by the non pooling companies.

NECA's February 26, 1999 Network Usage filing with the FCC will provide the basis for comparisons of DEM to CCL minutes. Also, the FCC will publish the latest view of the CCL minutes and the Network Usage data in the May 1999 Monitoring report.

Your NECA Regional Office will require explanations on Page 4 of 4 (Explanation of Variances) for data comparisons that fail the above data checks.

**NATIONAL EXCHANGE CARRIER ASSOCIATION, INC.**  
**NETWORK USAGE DATA REQUEST**  
October, 1998

Please complete all lines. Enter 1997 data in Column (B) and enter the appropriate 1996 data if Column (A) is blank. DEM minutes should match annual 1997 minutes used in the Part 36 cost study. Write in any corrections to company information (Lines 010-030). Please provide 1997 and revised 1996 factors to six decimal places.

**DATA**

**LINE DEFINITIONS**

**(110) Interstate Transitional SPF Factor**

Enter the transitional interstate SPF factor used in the 1997 cost study(s). The 1997 SPF should reflect the limit on change in the interstate allocation as specified in FCC Rules - Part 36.154 (f). Since the interstate Transition has been completed this line should be a factor of .25.

**(120) Unweighted Local DEM Minutes**

Enter the annual 1997 unweighted local exchange dial equipment minutes.

**(130) Unweighted State Toll DEM Minutes**

Enter the annual 1997 unweighted state toll dial equipment minutes.

**(140) Unweighted Interstate DEM Minutes**

Enter the annual 1997 unweighted interstate toll dial equipment minutes used to calculate the interstate DEM factor.

**(150) Unweighted Total DEM Minutes**

Enter the sum of Lines 120 + 130 + 140 (Network Usage System will automatically calculate to verify)

**(160) Unweighted Interstate DEM Factor**

Enter the calculated unweighted interstate DEM factor. (Line 140 / 150).  
(Network Usage System will automatically calculate to verify)

**(170) COE CAT 3 Interstate Allocation Factor (Transitional IS Weighted DEM)**

Enter the Interstate allocation factor used to allocate Category 3 COE pursuant to FCC Rules - Part 36.125 (f).

**NATIONAL EXCHANGE CARRIER ASSOCIATION, INC.**  
***NETWORK USAGE DATA REQUEST***  
**October, 1998**

Explanation of Variances

Company Name \_\_\_\_\_

Study Area Code \_\_\_\_\_

Enter an explanation of the variance below, or use a separate sheet of paper.

**General Comments**

**Line Item Comments**

(110) Interstate Transitional SPF Factor

(120) Unweighted Local DEM Minutes

(130) Unweighted State Toll DEM Minutes

(140) Unweighted Interstate DEM Minutes

IS DEM to Derived Interstate Access MOU



**National Exchange Carrier Association Inc.**  
**Network Usage Data Request for Region:**  
**Tier: 2**  
**October 1, 1998**

**Exchange Carrier Name:**  
**(010) Study Area Code No:**  
**(020) Contact Name:**  
**(030) Contact Telephone Number:**

|  | <b>(A)</b><br><b>1996</b><br><b>Reported*</b> | <b>(B)</b><br><b>1997</b> |
|--|---|---------------------------|
| <b>Measures of Loop Usage:</b>                     |   |                           |
| (110) Interstate Transitional SPF Factor**         | <input type="text"/>                          | <input type="text"/>      |
| <b>Measures of Switch Usage:</b>                   |   |                           |
| (120) Unweighted Local DEM MOU                     | <input type="text"/>                          | <input type="text"/>      |
| (130) Unweighted State DEM MOU                     | <input type="text"/>                          | <input type="text"/>      |
| (140) Unweighted Interstate DEM MOU                | <input type="text"/>                          | <input type="text"/>      |
| (150) Unweighted Total DEM MOU (120 + 130 + 140)   | <input type="text"/>                          | <input type="text"/>      |
| (160) Unweighted Interstate DEM Factor (140/150)** | <input type="text"/>                          | <input type="text"/>      |
| (170) Weighted DEM Factor**                        | <input type="text"/>                          | <input type="text"/>      |

\* Zero is printed when no data is available. If the company settled on cost for 1997, please enter data in (B).

\*\* Report all factors to six (6) decimal places.

Please return completed form by November 2, 1998 to your Regional Network Usage Coordinator.



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**MARCH 1, 1999**

**STUDY AREA MERGERS  
JANUARY 1996 - DECEMBER 1997**

| <b><u>MERGED STUDY AREA</u></b> | <b><u>SURVIVING STUDY AREA<sup>1</sup></u></b> | <b><u>EFFECTIVE DATE</u></b> |
|---------------------------------|--|------------------------------|
| 421873 Eastern Missouri         | 421885 Alltel Missouri                         | January, 1996                |
| 421904 Missouri                 | 421885 Alltel Missouri                         | January, 1996                |
| 240540 Ridge                    | 240539 Pond Branch                             | April, 1996                  |
| 177157 Tuolumne DBA Alltel PA   | 170176 Alltel PA                               | January, 1997                |
| 361379 Deer River               | 361451 Paul Bunyan                             | January, 1997                |
| 371580 Petersburg               | 371577 Great Plains                            | January, 1997                |
| 391643 Golden West (Cost)       | 391686 Vivian (Average Schedule)               | January, 1997                |
| 210340 Central - Florida        | 210341 United - Florida                        | January, 1997                |

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<sup>1</sup>Historical data has been restated for the surviving study area to reflect the merger.



**D**

**AVERAGE SCHEDULE TO COST CONVERSIONS<sup>1</sup>**  
**JANUARY, 1996 - DECEMBER 1997**

| <b><u>SAC</u></b> | <b><u>STUDY AREA NAME</u></b> | <b><u>CONVERSION DATE</u></b> |
|-------------------|-------------------------------|-------------------------------|
| 250299            | Hayneville                    | January, 1996                 |
| 270441            | Star                          | January, 1996                 |
| 341026            | Harrisonville                 | January, 1996                 |
| 341093            | Yates City                    | January, 1996                 |
| 220378            | Planters Rural                | April, 1996                   |
| 421914            | Mark Twain                    | May, 1996                     |
| 371544            | Elsie Mutual                  | September, 1996               |
| 613002            | Bettles                       | September, 1996               |
| 361453            | Peoples - MN                  | December, 1996                |
| 230483            | Lexcom                        | February, 1997                |
| 220368            | Hart                          | March, 1997                   |
| 240521            | Fort Mill                     | March, 1997                   |
| 240527            | Home                          | March, 1997                   |
| 240531            | Lanscaster                    | March, 1997                   |
| 240542            | Rock Hill                     | March, 1997                   |
| 421917            | Mid-Missouri                  | April, 1997                   |

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<sup>1</sup> Subject to edit and range checks, data supplied by the study area is reported as received, regardless of whether the data is from a cost study or an estimate.

**AVERAGE SCHEDULE TO COST CONVERSIONS**  
**JANUARY, 1996 - DECEMBER 1997**

| <b><u>SAC</u></b> | <b><u>STUDY AREA NAME</u></b>    | <b><u>CONVERSION DATE</u></b> |
|-------------------|----------------------------------|-------------------------------|
| 220376            | Pembroke                         | June, 1997                    |
| 150071            | Armstrong - NY                   | July, 1997                    |
| 290280            | Ardmore                          | July, 1997                    |
| 270439            | Century - Ringgold               | August, 1997                  |
| 250290            | Farmers - AL                     | October, 1997                 |
| 361445            | Northland DBA PTI Communications | October, 1997                 |
| 421890            | Green Hills                      | October, 1997                 |



E

**NEW STUDY AREAS<sup>1</sup>**  
**JANUARY, 1996 - DECEMBER, 1997**

| <b><u>SAC</u></b>   | <b><u>NAME</u></b>               | <b><u>EFFECTIVE DATE</u></b> |
|---|----------------------------------|------------------------------|
| 177157*<br>(formerly Citizens Utilities of Pennsylvania 170157, Average Schedule) | Tuolumne dba Alltel Pennsylvania | January, 1996                |
| 543402*<br>(formerly CP National Corp - California (Owned by Alltel) 542304)      | Citizens Golden State            | January, 1996                |
| 544342*<br>(formerly Tuolumne (Owned by Alltel) 542342)                           | Citizens Tuolumne                | January, 1996                |
| 420463<br>(new study area, purchased 3 exchanges from GTE Midwest-Missouri)       | BPS                              | April, 1996                  |
| 420472<br>(new study area, purchased 8 exchanges from GTE Midwest-Missouri)       | Cass County                      | April, 1996                  |
| 421866<br>(new study area, purchased 2 exchanges from GTE Midwest-Missouri)       | Ozark                            | April, 1996                  |
| 554431*<br>(formerly Alltel Nevada - North 552304)                                | Citizens - NV - North            | April, 1996                  |
| 554432*<br>(formerly Alltel Nevada - South 552354)                                | Citizens - NV - South            | April, 1996                  |
| 391671<br>(new study area, purchased 1 exchange from US West-SD 395145)           | Mobridge                         | June, 1996                   |
| 442091<br>(new study area, previously unserved area)                              | Kingsgate                        | July, 1996                   |

**\* Result of asset transfer**

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<sup>1</sup>Subject to edit and ranges checks, data supplied by the new study areas is reported as received, regardless of whether the data is from a cost study or an estimate.



**NEW STUDY AREAS**  
**JANUARY, 1996 - DECEMBER, 1997**

| <b><u>SAC</u></b>   | <b><u>NAME</u></b> | <b><u>EFFECTIVE DATE</u></b> |
|---|--------------------|------------------------------|
| 143331 (1)<br>(new study area, 8 exchanges from WFTAC, Inc. 143332)       | Northland - VT     | July, 1996                   |
| 147332 (1)<br>(new study area, 14 exchanges from WFTAC, Inc. 143332)      | Vermont            | July, 1996                   |
| 492265<br>(new study area, purchased 3 exchanges from US West-NM 495105)  | Tularosa Basin     | August, 1996                 |
| 472222<br>(new study area, purchased 3 exchanges from US West-ID 475103)  | Fremont            | November, 1996               |
| 452191<br>(new study area, previously unserved area)                      | Accipiter          | December, 1996               |
| 103313 (2)<br>(new study area, purchased 24 exchanges from MTGI - 103316) | Northland - ME     | February, 1997               |
| 103315 (2)<br>(new study area, purchased 4 exchanges from MTGI - 103316)  | Mid-Maine          | February, 1997               |
| 522418<br>(new study area, purchased 3 exchanges from GTE-NW - 522416)    | Pend Oreille       | March, 1997                  |

(1) The WFTAC, Inc. study area (SAC 143332) was made up of three companies. The FCC granted these two companies' (SAC 143331 & 147332) requests for separate study areas. The FCC indicated that the third company, consisting of 8 exchanges, be included with their affiliate Waitsfield-Fayston, SAC 140069.

(2) The MTGI study area (SAC 103316) was made up of five companies. The FCC granted these two companies' (SAC 103313 & 103315) request for separate study areas. The remaining exchanges of MTGI were divided and then added to existing study areas as follows; 1) eight exchanges were added to Bryant Pond, SAC 100002, an average schedule company, 2) six exchanges were added to Lincolnville, SAC 100003, and 3) four exchanges were added to Standish, SAC 100025.

**MARCH 1, 1999**

**Page 3 of 3**

**NEW STUDY AREAS**  
**JANUARY, 1996 - DECEMBER, 1997**

| <b><u>SAC</u></b>   | <b><u>NAME</u></b>   | <b><u>EFFECTIVE DATE</u></b> |
|---|----------------------|------------------------------|
| 351106<br>(new study area, purchased 7 exchanges from US West-IA - 355141)                            | Alpine               | April, 1997                  |
| 663800<br>(new study area, government owned company, requested NECA membership, FCC approved)         | Guam                 | July, 1997                   |
| 452169<br>(new study area, purchased 1 exchange and portions of 2 exchanges from US West-AZ - 455101) | San Carlos Apache    | August, 1997                 |
| 310689<br>(new study area, purchased 8 exchanges from GTE North - MI - 310695)                        | PTI Comm. - Michigan | November, 1997               |
| 462195<br>(new study area, purchased a portion of an exchange from US West - CO - 465102)             | South Park           | December, 1997               |



F

**MARCH 1, 1999**

**EXCEPTION STUDY AREAS**

The following study areas do not have State toll traffic, all traffic is either local or interstate usage. Therefore, no State Dial Equipment Minutes are included in the files.

575020 C & P - Washington  
643300 Virgin Islands  
663800 Guam

The following study areas have not provided Local and State Dial Equipment Minutes to NECA. Therefore, no Local or State Dial Equipment Minutes are included in the files.

522451 Western Wahkiakum  
522452 Whidbey

The following study area has not provided Local, State, Interstate or Total Dial Equipment Minutes to NECA. In addition, no Interstate DEM Factor or Weighted Interstate DEM Factor was provided to NECA. Therefore, no Local, State, Interstate or Total Dial Equipment Minutes and Interstate DEM or Weighted Interstate DEM Factors are included in the files. This study area does not have any switching equipment. All switching of traffic is done by Whidbey Telephone Company. Effective with the 1993 cost study, the Dial Equipment Minutes and DEM Factors were not separately identified for this study area.

522417 Hat Island



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**G**



MARCH 1, 1999

**NOTES REGARDING SPECIFIC STUDY AREA DATA**

All companies have a 25% Interstate Subscriber Plant Factor commencing with 1997.

The GTE and Citizens companies have completed new holding time studies which have resulted in significant shifts of usage data from the interstate jurisdiction to the local jurisdiction. This is primarily caused by usage volumes associated with the Internet.

Several study areas have had significant increases in usage due to the acquisition of exchanges from Subset 1 companies. For the most part, US West has sold exchanges to small independent's in the states of Arizona, Nebraska, Iowa and Idaho. These study areas are as follows:

| <u>SAC</u> | <u>Study Area Name</u> | <u>Comments</u>  |
|------------|------------------------|--|
| 351888     | Grand River            | Acquired 3 exchanges for US West-IA (SAC 355141), effective April 1997.  |
| 371516     | Arapahoe               | Acquired 4 exchanges for US West-NE (SAC 375143), effective January 1997.  |
| 371574     | Nebraska Central       | Acquired 8 exchanges for US West-NE (SAC 375143), effective January 1997.  |
| 371577     | Great Plains           | Acquired 11 exchanges for US West-NE (SAC 375143), effective January 1997.   |
| 452191     | Accipiter              | Acquired a portion of 2 exchanges for US West-AZ (SAC 455101), effective April 1997.   |
| 472295     | Silver Star            | Acquired 3 exchanges for US West-ID (SAC 475103), effective May 1997.  |
| 411777     | Golden Belt            | Acquired 1 exchange effective January 1997 and 1 additional exchange effective November 1997 from United of Eastern Kansas (SAC 411317). |
| 411826     | Rural                  | Acquired 2 exchanges from United of Kansas (SAC 411842), effective November 1997.  |
| 345070     | Illinois Bell          | Acquired 2 exchanges from Central Tel. Co. of Illinois (SAC 340985), effective November 1997.  |



H



**MARCH 1, 1999**

**NETWORK USAGE  
NON-RESPONDERS REPORT  
FINAL DATA SUBMISSION OF 1997 DATA**

| <u>SAC</u> | <u>Study Area Name</u>  | <u>Explanation</u>                                      |
|------------|-------------------------|---|
| 250290     | Farmers - Alabama       | Converted to cost settlements effective<br>October 1997 |
| 310689     | PTI Comm. - Michigan    | New company effective November 1997                     |
| 361445     | Northland DBA PTI Comm. | Converted to cost settlements effective<br>October 1997 |
| 462195     | South Park              | New company effective December 1997                     |





**MARCH 1, 1999**

## **AVERAGE SCHEDULE NETWORK USAGE ESTIMATES**

Dial Equipment Minutes (DEM) data were reported in aggregate by NECA for companies settling on an average schedule basis as of December 1997. According to the Commission's filing requirement, the average schedule data in the Network Usage filing reflects the year-end status of a population that changes from year to year.

To develop average schedule estimates for the network usage DEM reports, NECA computed ratios of cost company local, state and interstate dial equipment minutes to the total Interstate Carrier Common Line (CCL) Access Minutes of Use (AMOU) of cost companies participating in the NECA pool, as of December 1997. To develop DEM on an aggregate level for average schedule companies, the total Interstate CCL AMOU of average schedule companies, as of December 1997, were then divided by the DEM minute ratios for each jurisdiction. NECA used cost company data because these data are products of cost separations studies that average schedule companies do not perform.

The average Interstate DEM factor was calculated by dividing the total cost population unweighted interstate DEM minutes by total cost population unweighted total DEM minutes. The average weighted DEM factor was computed by multiplying the Interstate DEM factor by a DEM weighting factor of 2.35. This DEM weighting factor is the weighted average of DEM weights corresponding to access line data reported to the NECA Average Schedule pooling process for the average month of 1997.



MARCH 1, 1999

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## **DESCRIPTION OF MINUTES OF USE MEASURES**

### **Access Minutes of Use (AMOU)**

AMOU (both premium and non-premium) are "earned MOU" which are derived by dividing the premium and non-premium earned revenues by the corresponding rate. This definition of access minutes is in agreement with the 1990 TRP and ARMIS reports. Access minutes of use generating revenues have been discounted, which can produce distortions in revenue amounts. Furthermore, revenues are normalized to include changes in terminating/originating and percent interstate use factors, billing adjustments, and the imputations of access charges (where applicable). Revenues are also calendarized, which will change derived minutes.

Premium CCL access MOU consists of Feature Groups A, B and D traffic originating from or terminating at offices converted to equal access, and Feature Group C for non equal access end office(s) and Interstate IntraLata MOU.

Non-Premium CCL access MOU consists of Feature Groups A and B traffic originating from or terminating at offices not converted to equal access, and Feature Group C for minutes associated with Other Common Carrier Interim NXX and 800/888 service.

Originating and terminating AMOU both include the domestic portions of international calls. For example, outgoing international calls are counted only in the originating minutes and incoming international calls are counted only in the terminating minutes. Another key difference between originating and terminating is for WATS and 800/888 calls. Although WATS and 800/888 calls generate minutes at the originating end of the call, these minutes are counted in the terminating minutes, because the access charges are billed at the terminating rate. Finally, originating minutes include time for incomplete calls and setup time, which are not included in terminating minutes.

### **Dial Equipment Minutes (DEM)**

Total DEM represents all switched holding time minutes in a local dial office. DEM is defined in the FCC rules, Part 36, Paragraph 125(b). It is composed of all originating and terminating exchange, MTS, 800/888, and out-WATS MOU. DEM represents exchange, LEC IntraLata and corridor toll, Feature Groups A, B, C and D MOU. (Please note that due to its unique switching arrangements, Feature Group A in DEM includes both serving office and end office MOU.) DEM does not include MOU in directly terminated toll stations or similar facilities, because they do not use local dial office facilities.

The state and interstate DEM include both IntraLata and InterLata minutes combined. They also differ from AMOU in that they include both ends of WATS and 800/888 calls, whereas AMOU includes only one end of those calls because only one end is subject to access charges.

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